

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/579,445  
Source: IFWP  
Date Processed by STIC: 5-24-06

***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 05/24/2006

PATENT APPLICATION: US/10/579,445

TIME: 12:22:55

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\05242006\J579445.raw

3 <110> APPLICANT: ASTRAZENCA AB and DYAX CORP.  
 4 Christer NORDSTEDT  
 5 Tom GOLDSCHMIDT  
 6 Maria HENDERIKX  
 7 Rene HOET  
 8 Hendricus HOOGENBOOM  
 9 Simon HUFTON  
 10 Christin V. ANDERSSON  
 11 Johanna LINDQUIST  
 12 Dan SUNNEMARK  
 13 Sergy LEONOV  
 15 <120> TITLE OF INVENTION: ANTIBODIES  
 17 <130> FILE REFERENCE: 117-580 / N:90271E GCW  
 C--> 19 <140> CURRENT APPLICATION NUMBER: US/10/579,445  
 20 <141> CURRENT FILING DATE: 2006-05-15  
 22 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/013426  
 23 <151> PRIOR FILING DATE: 2004-11-26  
 25 <150> PRIOR APPLICATION NUMBER: US 60/525,174  
 26 <151> PRIOR FILING DATE: 2003-11-28  
 28 <160> NUMBER OF SEQ ID NOS: 527  
 30 <170> SOFTWARE: MS Word  
 32 <210> SEQ ID NO: 1  
 33 <211> LENGTH: 84  
 34 <212> TYPE: PRT  
 35 <213> ORGANISM: Homo sapiens  
 37 <400> SEQUENCE: 1  
 39 Ala Arg Met Glu Glu Met Gly Ser Arg Thr Arg Asp Arg Leu Asp Glu  
 40 1 5 10 15  
 42 Val Lys Glu Gln Val Ala Glu Val Arg Ala Lys Leu Glu Glu Gln Ala  
 43 20 25 30  
 45 Gln Gln Ile Arg Leu Gln Ala Glu Ala Phe Gln Ala Arg Leu Lys Ser  
 46 35 40 45  
 48 Trp Phe Glu Pro Leu Val Glu Asp Met Gln Arg Gln Trp Ala Gly Leu  
 49 50 55 60  
 51 Val Glu Lys Val Gln Ala Ala Val Gly Thr Ser Ala Ala Pro Val Pro  
 52 65 70 75 80  
 54 Ser Asp Asn His  
 58 <210> SEQ ID NO: 2  
 59 <211> LENGTH: 16  
 60 <212> TYPE: PRT  
 61 <213> ORGANISM: Homo sapiens  
 63 <400> SEQUENCE: 2  
 65 Ala Arg Met Glu Glu Met Gly Ser Arg Thr Arg Asp Arg Leu Asp Glu

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```

66 1          5          10          15
69 <210> SEQ ID NO: 3
70 <211> LENGTH: 16
71 <212> TYPE: PRT
72 <213> ORGANISM: Homo sapiens
74 <400> SEQUENCE: 3
76 Val Lys Glu Gln Val Ala Glu Val Arg Ala Lys Leu Glu Glu Gln Ala
77 1          5          10          15
80 <210> SEQ ID NO: 4
81 <211> LENGTH: 16
82 <212> TYPE: PRT
83 <213> ORGANISM: Homo sapiens
85 <400> SEQUENCE: 4
87 Gln Gln Ile Arg Leu Gln Ala Glu Ala Phe Gln Ala Arg Leu Lys Ser
88 1          5          10          15
91 <210> SEQ ID NO: 5
92 <211> LENGTH: 16
93 <212> TYPE: PRT
94 <213> ORGANISM: Homo sapiens
96 <400> SEQUENCE: 5
98 Trp Phe Glu Pro Leu Val Glu Asp Met Gln Arg Gln Trp Ala Gly Leu
99 1          5          10          15
102 <210> SEQ ID NO: 6
103 <211> LENGTH: 16
104 <212> TYPE: PRT
105 <213> ORGANISM: Homo sapiens
107 <400> SEQUENCE: 6
109 Val Glu Lys Val Gln Ala Ala Val Gly Thr Ser Ala Ala Pro Val Pro
110 1          5          10          15
113 <210> SEQ ID NO: 7
114 <211> LENGTH: 16
115 <212> TYPE: PRT
116 <213> ORGANISM: Homo sapiens
118 <400> SEQUENCE: 7
120 Arg Thr Arg Asp Arg Leu Asp Glu Val Lys Glu Gln Val Ala Glu Val
121 1          5          10          15
124 <210> SEQ ID NO: 8
125 <211> LENGTH: 16
126 <212> TYPE: PRT
127 <213> ORGANISM: Homo sapiens
129 <400> SEQUENCE: 8
131 Arg Ala Lys Leu Glu Glu Gln Ala Gln Gln Ile Arg Leu Gln Ala Glu
132 1          5          10          15
135 <210> SEQ ID NO: 9
136 <211> LENGTH: 16
137 <212> TYPE: PRT
138 <213> ORGANISM: Homo sapiens
140 <400> SEQUENCE: 9
142 Ala Phe Gln Ala Arg Leu Lys Ser Trp Phe Glu Pro Leu Val Glu Asp

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143 1          5          10          15
146 <210> SEQ ID NO: 10
147 <211> LENGTH: 16
148 <212> TYPE: PRT
149 <213> ORGANISM: Homo sapiens
151 <400> SEQUENCE: 10
153 Met Gln Arg Gln Trp Ala Gly Leu Val Glu Lys Val Gln Ala Ala Val
154 1          5          10          15
157 <210> SEQ ID NO: 11
158 <211> LENGTH: 12
159 <212> TYPE: PRT
160 <213> ORGANISM: Homo sapiens
162 <400> SEQUENCE: 11
164 Gly Thr Ser Ala Ala Pro Val Pro Ser Asp Asn His
165 1          5          10
168 <210> SEQ ID NO: 12
169 <211> LENGTH: 8
170 <212> TYPE: PRT
171 <213> ORGANISM: Homo sapiens
173 <400> SEQUENCE: 12
175 Leu Val Glu Asp Met Gln Arg Gln
176 1          5
179 <210> SEQ ID NO: 13
180 <211> LENGTH: 8
181 <212> TYPE: PRT
182 <213> ORGANISM: Homo sapiens
184 <400> SEQUENCE: 13
186 Met Gln Arg Gln Trp Ala Gly Leu
187 1          5
190 <210> SEQ ID NO: 14
191 <211> LENGTH: 8
192 <212> TYPE: PRT
193 <213> ORGANISM: Homo sapiens
195 <400> SEQUENCE: 14
197 Trp Ala Gly Leu Val Glu Lys Val
198 1          5
201 <210> SEQ ID NO: 15
202 <211> LENGTH: 8
203 <212> TYPE: PRT
204 <213> ORGANISM: Homo sapiens
206 <400> SEQUENCE: 15
208 Arg Thr Arg Asp Arg Leu Asp Glu
209 1          5
212 <210> SEQ ID NO: 16
213 <211> LENGTH: 8
214 <212> TYPE: PRT
215 <213> ORGANISM: Homo sapiens
217 <400> SEQUENCE: 16
219 Trp Phe Glu Pro Leu Val Glu Asp

```

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Input Set : A:\Sequence Listing.txt

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```

220 1          5
223 <210> SEQ ID NO: 17
224 <211> LENGTH: 8
225 <212> TYPE: PRT
226 <213> ORGANISM: Homo sapiens
228 <400> SEQUENCE: 17
230 Ala Phe Gln Ala Arg Leu Lys Ser
231 1          5
234 <210> SEQ ID NO: 18
235 <211> LENGTH: 24
236 <212> TYPE: PRT
237 <213> ORGANISM: Homo sapiens
239 <400> SEQUENCE: 18
241 Ala Arg Met Glu Glu Met Gly Ser Arg Thr Arg Asp Arg Leu Asp Glu
242 1          5          10          15
244 Val Lys Glu Gln Val Ala Glu Val
245          20
248 <210> SEQ ID NO: 19
249 <211> LENGTH: 32
250 <212> TYPE: PRT
251 <213> ORGANISM: Homo sapiens
253 <400> SEQUENCE: 19
255 Ala Phe Gln Ala Arg Leu Lys Ser Trp Phe Glu Pro Leu Val Glu Asp
256 1          5          10          15
258 Met Gln Arg Gln Trp Ala Gly Leu Val Glu Lys Val Gln Ala Ala Val
259          20          25          30
262 <210> SEQ ID NO: 20
263 <211> LENGTH: 6
264 <212> TYPE: PRT
265 <213> ORGANISM: Homo sapiens
267 <220> FEATURE:
268 <221> NAME/KEY: MISC_FEATURE
269 <222> LOCATION: (2)..(3)
270 <223> OTHER INFORMATION: X = any amino acid
272 <400> SEQUENCE: 20
W--> 274 Ser Xaa Xaa Leu Asp Tyr
275 1          5
278 <210> SEQ ID NO: 21
279 <211> LENGTH: 5
280 <212> TYPE: PRT
281 <213> ORGANISM: Homo sapiens
283 <400> SEQUENCE: 21
285 Lys Tyr Ser Met His
286 1          5
289 <210> SEQ ID NO: 22
290 <211> LENGTH: 17
291 <212> TYPE: PRT
292 <213> ORGANISM: Homo sapiens
294 <400> SEQUENCE: 22

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```

296 Gly Ile Tyr Ser Ser Gly Gly Lys Thr Ile Tyr Ala Asp Ser Val Lys
297 1                      5                      10                      15
299 Gly
303 <210> SEQ ID NO: 23
304 <211> LENGTH: 6
305 <212> TYPE: PRT
306 <213> ORGANISM: Homo sapiens
308 <400> SEQUENCE: 23
310 Ser Leu Asp Leu Asp Tyr
311 1                      5
314 <210> SEQ ID NO: 24
315 <211> LENGTH: 5
316 <212> TYPE: PRT
317 <213> ORGANISM: Homo sapiens
319 <400> SEQUENCE: 24
321 Met Tyr Met Met Asp
322 1                      5
325 <210> SEQ ID NO: 25
326 <211> LENGTH: 17
327 <212> TYPE: PRT
328 <213> ORGANISM: Homo sapiens
330 <400> SEQUENCE: 25
332 Ser Ile Trp Pro Ser Gly Gly Gln Thr Trp Tyr Ala Asp Ser Val Lys
333 1                      5                      10                      15
335 Gly
339 <210> SEQ ID NO: 26
340 <211> LENGTH: 6
341 <212> TYPE: PRT
342 <213> ORGANISM: Homo sapiens
344 <400> SEQUENCE: 26
346 Ser Val Leu Leu Asp Tyr
347 1                      5
350 <210> SEQ ID NO: 27
351 <211> LENGTH: 5
352 <212> TYPE: PRT
353 <213> ORGANISM: Homo sapiens
355 <400> SEQUENCE: 27
357 Tyr Tyr Ala Met Gln
358 1                      5
361 <210> SEQ ID NO: 28
362 <211> LENGTH: 17
363 <212> TYPE: PRT
364 <213> ORGANISM: Homo sapiens
366 <400> SEQUENCE: 28
368 Ser Leu Tyr Pro Ser Gly Gly Asn Thr Ser Tyr Ala Asp Ser Val Lys
369 1                      5                      10                      15
371 Gly
375 <210> SEQ ID NO: 29
376 <211> LENGTH: 19

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/579,445

DATE: 05/24/2006  
TIME: 12:22:56

Input Set : A:\Sequence Listing.txt  
Output Set: N:\CRF4\05242006\J579445.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220>

to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:20; Xaa Pos. 2,3  
Seq#:512; Xaa Pos. 1,2,4,6  
Seq#:513; Xaa Pos. 4,5,6,9  
Seq#:514; Xaa Pos. 1,2,4,5,7,9,10,11,13,14,18,20  
Seq#:515; Xaa Pos. 3,4,5,7,10  
Seq#:516; Xaa Pos. 2,4,6  
Seq#:517; Xaa Pos. 4,5,6,9

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/579,445

DATE: 05/24/2006

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Input Set : A:\Sequence Listing.txt

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L:19 M:270 C: Current Application Number differs, Wrong Format  
L:274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0  
L:9678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:512 after pos.:0  
L:9713 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:513 after pos.:0  
L:9788 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:514 after pos.:0  
M:341 Repeated in SeqNo=514  
L:9831 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:515 after pos.:0  
L:9861 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:516 after pos.:0  
L:9896 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:517 after pos.:0